Claim Amendments

1. (cancelled)

2. (cancelled)

3. (cancelled)

4. (cancelled)

5. (cancelled)

6. (currently amended): A disk drive for use with a host electronic unit, the disk drive comprising:

a disk drive housing having a groove formed therein;

a spindle motor rotatably attached to the disk drive housing, the spindle motor including a stator;

spindle motor drive circuitry coupled to the disk drive housing, the spindle motor drive circuitry being configured to generate electrical signals for controlling the spindle motor;

a stator/spindle motor drive circuitry electrical trace integrally formed upon the disk drive housing within the groove from the spindle motor drive circuitry to the stator for receiving electrical signals from the spindle motor drive circuitry for controlling the spindle motor;

a host connector attached to the disk drive housing, the host connector being operably connectable to the host electronic unit; and

a spindle motor drive circuitry/host connector electrical trace integrally formed upon the disk drive housing within the groove from the spindle motor drive circuitry to the host connector for electrically connecting the spindle motor drive circuitry with the host electronic unit.

7. (cancelled)

8. (cancelled)

9. (cancelled)

10. (cancelled)

11. (cancelled)

12. (currently amended): A disk drive for use with a host electronic unit, the disk drive comprising:

a disk drive housing having a groove formed therein;

a head stack assembly rotatably attached to the disk drive housing, the head stack assembly including a coil portion;

a flex circuit cable operably connected to the coil portion;

actuator drive circuitry coupled to the disk drive housing, the actuator drive circuitry being configured to generate electrical signals for controlling the head stack assembly;

a flex circuit cable/actuator drive circuitry electrical trace integrally formed upon the disk drive housing within the groove from the actuator drive circuitry to the flex circuit cable for receiving electrical signals from the actuator drive circuitry for controlling the head stack assembly;

a host connector attached to the disk drive housing, the host connector being operably connectable to the host electronic unit; and

an actuator drive circuitry/host connector electrical trace integrally formed upon the disk drive housing within the groove from the actuator drive circuitry to the host connector for electrically connecting the actuator drive circuitry with the host electronic unit.

13. (cancelled)

14. (cancelled)

15. (cancelled)

16. (cancelled)

17. (original):

18. (cancelled)

19. (cancelled)

20. (cancelled)

21. (currently amended): A disk drive for use with a host electronic unit, the disk drive comprising:

a disk drive housing having a groove formed therein;

a head stack assembly rotatably attached to the disk drive housing;

a preamplifier operably connected to the head stack assembly;

read channel circuitry configured to receive electrical signals from the head stack assembly;

a preamplifier/read channel circuitry electrical trace integrally formed upon the disk drive housing within the groove from the read channel circuitry to the preamplifier for receiving electrical signals by the read channel circuitry from the preamplifier from the head stack assembly;

a host connector attached to the disk drive housing, the host connector being operably connectable to the host electronic unit; and

a read channel circuitry/host connector electrical trace integrally formed upon the disk drive housing within the groove from the read channel circuitry to the host connector for electrically connecting the read channel circuitry with the host electronic unit.